

HENZL, J.

Building parts. Stavivo 41 no.3:82-86 Mr '63.

1. Ministerstvo vystavby, Praha.

HENZL, M.

"Notes on some economic results of block assembly at the electric-power plant II at Porici."

ENERGETIKA, Praha, Czechoslovakia, Vol. 9, no. 3, March 1959

Monthly List of East European Accessions Index (EEAI), Library of Congress, Vol. 8, No. 8, August 1959

Unclassified

HENZL, Milan, C.Sc.; HORSKY, Jan, C.Sc.; PRESL, Jiri, C.Sc.

Adrenalin test in disorders of the menstrual cycle. Cesk. gyn. 26[40]
no.10:764-767 D'61.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel doc. dr.
M.Vojta.

(EPINEPHRINE pharmacol) (MENSTRUATION DISORDERS blood)
(BLOOD SUGAR pharmacol) (LEUKOCYTE COUNT pharmacol)

Obstetrics and Gynecology

CZECHOSLOVAKIA

CEPELAK, J.; HENZL, M.; Institute for the Care of Mother and Child, Prague. [Original version not given].

"Psychotropic Drugs in the Therapy of Premenstrual Syndrome."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 462 - 464

Abstract: Effect of psychotropic drugs in combination with vegetotropic and diuretic agents in the treatment of premenstrual syndrome (PS) was investigated. The first drug tested PM-1 contains glycerinogujacolicus ether, dinydroergotamine, caffeine and phenobarbital. The second PM-2 contains meprobamate and hydrochlorothiazid. 50 patients were used for the testing of each of the drugs. PM-1 completely removed 11 out of 13 symptoms, and reduced the symptom score from 17.7 to 4.0. PM-2 only alleviated the symptoms and reduced the score from 19.8 to 8.5. 1 Table no references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18-22 Jan 66. Article is in English.

1/1

HENZL

M. ~~MI~~

BIRGUS, Jan, MUDr (Frydek, Nemocnice); HENZL, Milan, MUDr (Ostrova-
Vitkovice, zavod. nemocnice)

Treatment of habitual abortions with hormonal implants. Lek. listy,
Brno 9 no.23:529-533 1 Dec 54.

(ABORTION,
habitual, ther., hormonal implants)
(HORMONES, therapeutic use,
abortion, habitual)

HENZL, M.

"Estrogens and the Exchange of Carbohydrates in Some Gynecologic Conditions." p. 198.
(Casopis Lekaru Ceskych. Vol. 93, no. 8, Feb.1954. Praha).

SO: Monthly List of ^{East European} ~~Russian~~ Accessions / Vol. 3, No. 6 / Library of Congress, June 195⁴, Uncl.

4. HENZL M. Z por. -gyn. Odd. ZÚNZ, Ostrava-Vřtkovičt. "Vliv infekční hepatitidy na vznik gynekologických onemocnění. The influence of infectious jaundice on gynaecological disorders VNTR. LEK. 1955, 1/1 (44-48) Tables 2

As the liver plays an important part in the inactivation of oestrogens, liver disease might cause manifestations of hyper-oestrogenism. Fifty women of child-bearing age who had infectious jaundice were investigated, in some of them also endometrial biopsy was done. In 46% there were no disturbances whatsoever. 14% had no disturbances of menstruation itself, but suffered from premenstrual tension and dysmenorrhoea, which they had not had before their illness. Twelve women had amenorrhoea lasting from 4 weeks to 7 months, after which menstruation became normal again without any treatment, but in 7 of them was preceded by tension and pain similar to those of the 2nd group. In 5 women there were definite menstrual irregularities, and endometrial biopsy showed that in none of them did a full secretory endometrium develop. In 2 women there was irregular bleeding during the hepatitis. Liver-function tests (Takata, bilirubin) did not reveal any constant relationship between liver-function and irregularities of menstruation. The author concludes that while the described disturbances might be due to an increased level of oestrogens which escaped inactivation in the damaged liver, the general effect of the disease (general weakening, nutritional deficiencies, dietary regime etc.) must also be taken into account.

Rohan - Valašské Meziříčí (X,6^o)

5. SINGH M. G. Women and Child Hosp. Egmore, Madras. *Tropic-

CZECHOSLOVAKIA

CEPELAK, J.; HENZL, M.; VLASAKOVA, J.; Institute for Care of Mother and Child, Prague. [Orig. version not given].

"The Meecholy Test in Women Suffering from Premenstrual Syndrome."

Prague, Activitas Nervosa Superior, Vol 8, No 2, Jun 66, pp 214-215

Abstract: The automatic pattern of premenstrual syndrome is not uniform. This is important in the pharmacotherapy of the syndrome. The prevalent psychic symptoms of the prevalent premenstrual syndrome may be related to changes in the central sympathetic functions. 1 Figure, no references. Submitted at the 4th Conf. of Exper. and Clin. Study of Higher Nerv. Functions at Mar. Lazne, 12-15 Oct 65. Article is in English.

1/1

HORSKY, Jan; HENZL, Milan; VALENTA, Milos

Contribution to the diagnosis of ovarian tumors by means of pelvic
pneumoperitoneum. *Cesk. gyn.* 24[38] no.6:446-449 July 1959

1. Ustav pro peci o matku a dite Praha-Podoli, reditel prof. dr.
J. Trapl.

(OVARY, neoplasms)

(PNEUMOPERITONEUM, ARTIFICIAL)

PRESL, Jiri, (kand. lek. ved);HORSKY, Jan, (kand. lek. ved.);HENZL, Milan

On the syndrome of premature menopause. Cesk. gyn. 24[38] no.8:
649-654 0 '59.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. dr.
M. Vojta, zasl. lekar CSR.
(MENOPAUSE)

HENZL, Milan; VASEK, Vladimir, doc.

Effect of vaccination on the course of phagocytosis in adnexitis.
Cesk. gyn. 25[39] no. 1/2:127-132 Mr'60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel prof. dr.
J. Trapl.

(ADNEXITIS immamol.)
(VACCINATION)
(PHAGOCYTOSIS)

HENZL, Milan; HORSKY, Jan; PRESL, Jiri

The use of depot progesterone in functional metrorrhagia. Cesk.
syn. 25[39] no.7:558-563 S '60.

1. Ustav pro pecl o matku a dite v Praze-Podoli, red.doc. dr.
M.Vojta, zaslousily lekar CSSR.
(MENORRHAGIA AND METHORRHAGIA ther.)
(PROGESTERONE ther.)

HORSKY, J., C.Sc.; HENZL, M.; PRESL, J., C.Sc.

Diagnostic value of pneumopelviography. Cesk. gyn. 26 no.3:156-160
Ap '61.

1. Ustav pro peci o matku a dite, Praha-Pcdolf, red. doc. dr M.Vojta,
zasl. lekar CSSR.
(GENITALIA FEMALE radiog)

HENZL, Milan; HONSKY, Jan, C.Sc.; FRESL, Jiri, C.Sc.

Differential diagnosis of uterus bicornis from uterus septus with the aid of pneumopelviography. Cesk. gyn. 26 no.3:161-163 Ap '61.

1. Ustav pro peci o matku a dite v Praze-Podoli, red. doc. MUDr.
M.Vojta, zasl. lekar CSSR.
(UTERUS abnorm)

EROTANEK, Vl.; HORSKY, J., C.Sc.; PRBSL, J., C.Sc.; HENZL, M.

Menorrhagia in the roontgen picture. Cesk. gyn. 26 no.3:167-170
Ap '61.

1. Ustav pro peci o matku a dite, Praha - **Podoli**, prednosta doc.
dr. M. Vojta.

(MENORRHAGIA AND METRORRHAGIA radiog)

PRESL, Jiri, C.Sc.; HORSKY, Jan, C.Sc.; HENZL, Milan; MARES, Josef

On the problem of the role of various hemocoagulation factors
in cessation of functional uterine hemorrhage with stilbestrol.
Cesk.gyn.26[40] no.1/2:107-112 F '61.

1. Ustav pro peci o matku a dite v Praze, reditel docent MUDr.
Miroslav Vojta, zaslousily lekar CSSR.
(UTERINE HEMORRHAGE ther)
(DIETHYLSTILBESTROL ther)
(BLOOD COAGULATION physiol)

PRESL, J.; JIRA, J.; HORSKY, J.; HENZL, M.

Incidence of a positive tocoplasmin test in women with disorders of the menstrual cycle. *Cesk. gynek.* 29 no.9:694-698 N '64.

1. Ustav pro peči o matku a dite v Praze (reditel doc. dr. M.Vojta)
a Protokol. oddel. parazitol. ustavu Československej akademie
ved v Praze (reditel RNDr. B.Rosický, DrSc).

PRESL, Jiri, C.Sc.; HORSKY, Jan, C.Sc.; HENZL, Milan, C.Sc.

Effect of prolonged cyclic administration of progesterone in oligomenorrhea and role of the CNS. Cesk. gyn. 26[40] no.8: 572-577 1961.

1. Ustav pro peci o matku a dite, Praha, reditel doc. MUDr. Miroslav Vojta, zaslouzily lekar CSSR.

(MENORRHAGIA AND METRORRHAGIA ther)
(PROGESTERONE ther) (REFLEX CONDITIONED)

HORSKY, J., C.Sc.; PRESL, J., C.Sc.; HENZL., M., C.Sc.; VESELY, K.

Control mechanisms of the gonadotropic function of the pituitary.

Cesk. gyn. 26 [40] no.8:581-590 Jn '61.

(GONADOTROPINS PITUITARY physiol)

HORSKY, Jan, C.Sc., PRAESL, Jiri, C.Sc.; HENZL, Milan, C.Sc.; KRABEC, Zdenek

Effect of oxytocin on the secretion of pituitary gonadotropins.
Cesk. gyn. 26[40] no.8:597-601 1961.

1. Ustav pro peci o matku a dite, Praha reditel doc. dr. M.Vojta.
(GONADTROPINS PITUITARY physiol)
(OXYTOCIN pharmacol)

PRESL, Jiri, C.Sc.; HORSKY, Jan, C.Sc.; HENZL, Milan, C.Sc.; KRABEC, Zdenek

Contribution to the study on changes in bio-electric abdomino-vaginal potentials in the estrus cycle in rats. Cesk. gyn. 26[40] no.8:602-606 JI '61.

1. Ustav pro peči o matku a dite, Praha, reditel docent MUDr. M.Vojta, zasloužily lekar CSSR.

(ESTRUS physiol) (VAGINA physiol) (ABDOMEN physiol)

HENZL, Milan, C.Sc.; HORSKY, Jan, C.Sc.; PRESL, Jiri, G.Sc.

Mono-symptomatic hypogonadotropism. Cesk. gyn. 26[40] no.8:621-622
Ji '61.

1. Ustav pro pedi o matku a dite v Prase-Podolf, reditel doc. MUDr.
M.Vojta.

(GONADOTROPINS PITUITARY)

HORSKY, Jan, C.Sc.; PRESL, Jiri, C.Sc.; HENZL, Milan, C.Sc.

Critical evaluation of some diagnostic methods in gynecological endocrinology. Cesk. gyn. 26[40] no.10:759-763 1961.

1. Ustav pro peci o matku a dite, Praha-Podolf, reditel doc. dr.
M.Vcjtá, zaslouzily lekar CSSR.
(ENDOCRINOLOGY diag) (GYNECOLOGY diag)

HENZL, M.; HORSKY, J.; PRESL, J.

Disorders of ovarian development. Cas.lek.cesk 100 no.16:78-86 21 Ap '61.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel doc. MUDr.
Miroslav Vojta, zasl. lekar CSSR.

(OVARY abnorm)

HENZL, Milan, C.Sc.; HORSKY, Jan, C.Sc.; PRESL, Jiri, C.Sc.; JIRASEK,
Jan Ev., C.Sc.

Contribution to the effect of barbiturates on the appearance of
castration hypophysis in rats. Cesk. gyn. 26 [40] no.8:578-580
71 '61.

1. Ustav pro pec o matku a dite v Praze-Podolf, red. doc. dr.M.Vojta.
(CASTRATION exper) (BARBITURATES pharmacol)
(PITUIRARY GLAND ANTERIOR physiol)

KLACANSKY, T., C.Sc.; HENZL, M., C.Sc.; CEPELAK, J.; HONTELA, S.; HORSKY, J.,
C.Sc.; KUCERA, F., C.Sc.; LUASCH, F., C.Sc.; SONEK, M.; TALAS, M.

A possibility for the examination of the hypothalamo-pituitary system
in endocrine disorders in gynecology. Cesk. gyn. 26[40] no.8:607-

610 JI '61.

(GYNECOLOGY diag) (HYPOTHALAMUS dis)

(PITUITARY GLAND dis)

PRESL, J.; HORSKY, J.; HENZL, M.

Relations between the ovaries and the diencephalon-hypophysial system
in early ontogenesis. *Cesk. fysiол.* 11 no.4:292-313 '62.

1. Ustav pro peci o matku a dite, Praha.
(OVARY physiол) (DIENCEPHALON physiол)
(PITUITARY GLAND physiол)

HENZL, M.

Current problems in hormonal cytology. Cesk. gynek. 29 no.1:
4-9 F'64.

1. Ustav pro peci o matku a dite v Praze-Podoli; reditel: doc.
dr. M.Vojta.

*

HENZL, M.; HORSKY, J., doc. dr., DrSc.; PRESL, J.

Rational gestagen therapy in gynecology. Cesk. gynek. 30 no.1:
10-16 Mr'65.

1. Ustav pro peči o matku a dite v Praze (zat. reditel: doc. dr.
J. Horsky, DrSc.).

HORSKY, J., doc. dr., DrSc.; PRESL, J.; HENZL, M.

Charvat's index after ACTH and present possibilities of a more exact diagnosis of the Stein-Leventhal syndrome. Cesk. gynek. 44 no.3:156-160 Ap'65.

1. Ustav pro peči o matku a dite v Praze (zat. reditel: doc. dr. J. Horsky, DrSc.). 2. Horsky's address: Praha-Podolí, nabr. K. Marxe 157).

PRESL, J.; JIRASEK, J.; HORSKY, J.doc. dr., DrSc.; HENZL, M.

Sensitivity of the vaginal mucosa of rats in the early post-natal period. *Cesk. gynek.* 30 no.4:248-250 My'65.

1. Ustav pro peči o matku a dite v Praze (reditel: doc. dr. J. Horsky, DrSc.).

DOLECEK, R.; KLABUSAY, L.; HERZIG, P.; Technicka spoluprace: HENZLOVA, D.

Therapeutic results with the use of some new anabolic steroid hormones. Cas. lek. cesk. 102 no.42:1148-1154 18 0 '63.

1. Interni oddeleni Krajske nemocnice s poliklinikou v Ostrave, (prednosta MUDr. J. Cerny) a Krajska endokrinologicka ambulance v Ostrave, (ordinar MUDr. R. Dolecek, CSc).

HEONIG, V.

Epidemic hepatitis and certain circulatory modifications.
Cas. lek. cesk. 89 no.40:1108-1116 6 Oct. 1950. (CLML 20:1)

1. Of the First Internal Clinic of Charles University (Acting
Head--Prof. Vr. Jonas, M. D.).

L 58561-65 EMT(d)/EMT(1)/EMP(v)/EEC-l/T/EEC(b)-2/EMP(k)/EMP(h)/EEJ-2/EMP(1)/EMA(h)
Pm-l/Pe-l/Es-l/Pf-l/Pg-l/Pe6/Pk-l/Pl-l IJP(c) BB/GG

ACCESSION NR: AP5018377

UR/0102/65/000/008/0040/0045

AUTHOR: Heorhiyevs'kyy, V. B. (Kiev); Georgiyevskiy, V. B. (Kiev) *7B*

TITLE: Using feedback to design reliable systems using unreliable elements. Part II

SOURCE: Avtomatyka, no. 3, 1965, 40-45

TOPIC TAGS: automatic control, reliability, feedback, cybernetics *14 25 16C*

ABSTRACT: A relationship is found between structural and time redundancy when using feedback methods to synthesize reliable systems from unreliable elements. Various methods of synthesis and error indication are compared using the concept of generalized redundancy. The limiting factors in using feedback methods for synthesis are explained. The relationship between operational reliability and the number of parts in the feedback system is discussed. Orig. art. has: 2 figures, 17 formulas.

ASSOCIATION: none

SUBMITTED: 30Jun64

ENCL: 00

SUB CODE: DP

NO REF SOV: 005'

OTHER: 001

Card 1/1 *dm*

L 54638-65 EWT(1)/EEC(b)-2/EDA(h) Pm-4/Pc-4/Pq-4/Pg-4/Pnb/Pl-4

ACCESSION NR: AP5011301

UR/0102/65/000/001/0049/0057

AUTHOR: Heorhiyevs'kyi, V. B. (Georgiyevskiy, V. B.) (Kiev)

30
B

TITLE: Synthesizing reliable systems from unreliable elements by a feedback method
25

SOURCE: Avtomatyka, no. 1, 1965, 49-57

TOPIC TAGS: reliable system, system reliability

ABSTRACT: The possibilities for enhancing the reliability of a system by ensuring repeated operation after a malfunction, i. e., by providing a feedback, are described. The connection between the reliability level and the time of processing the information by the system is examined. The structural and time redundancies are largely determined by the necessity of fault detection; hence, these redundancies are small. Two methods of error indication are considered. Relations between the structural redundancy, time of operation, and reliability level are established. Orig. art. has: 2 figures and 24 formulas.

Card 1/2

L 54698-65

ACCESSION NR: AP5011301

ASSOCIATION: none

SUBMITTED: 30Jun64

ENCL: 00

SUB CODE: DP

NO REF SOV: 004

OTHER: 000

0

Card 2/2

Hep, L.

Planning dumps with reference to stability of subsoils. p. 270.
INZENYRSKE STAVBY. (Ministerstvo stavebnictvi) Praha. Vol. 4,
no. 6, June 1956.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

HEF, L.

The repair of slopes of embankments and cuttings.

p. 477 (Inzenyrske Stavby) Vol. 5, no. 9, Sept. 1957, Praha, Czechoslovakia

SO:: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

HEP, L.

The determination of the permissible stress of the foundation soil in an undermined area.

P. 69. (INZENYRSKE STAVBY) (Praha, Czechoslovakia) Vol. 6, No. 2, Feb. 1957

SO: Monthly Index of East European Accession (EFAI) IC Vol. 7, No. 5, May 1958

H.F. 5

Turboblowers of the First Brno Machine Works.

p. 658 (Strojirenstvi. Vol. 7, no. 9, Sept. 1957. Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

HEP, J.

The situation and the future development of gas turbines in the First Brno Machine Works of the Klement Gottwald Plant. (Supplement)

P. 8, (ENERGETIKA) (Praha, Czechoslovakia) Vol. 8, no. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, May 1958

HEP, S.

"Turboblowers for pressure charging of Czechoslovak manufacture."

Czechoslovak Heavy Industry. Prague, Czechoslovakia. No. 2, 1959.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 6, Jun 59, Unclass

HEP, S., inz.

Production of turboblowers in the First Brno Machine Factory,
Zavody Klementa Gottwalda, Brno. Strojirenstvi 14, no.6:464-469
Je '64.

1. First Brno Machine Factory, Zavody Klementa Gottwalda, Brno.

10734-66 EWT(1)/FS(v)-3 DD

ACC NR: AP5027166

SOURCE CODE: PO/0056/65/016/005/0701/0708

AUTHOR: Gregorczyk, J. -- Gregorchik, Ya.; Lewandowska-Tokarz -- Levandovska-Tokazh;
Stanosek, J. -- Stanosek, Yu.; Hepa, J. -- Gepa, I.

ORG: Institute of Physiological Chemistry, Silesia AM, Zabrze-Rokitnica (Zaklad
Chemii Fizjologicznej Sl. AM)

TITLE: The effects of physical work and work under conditions of noise and vibration on the human organism. I. Behavior of serum alkaline phosphatase, aldolase, and lactic dehydrogenase activities

SOURCE: Acta physiologica polonica, v. 16, no. 5, 1965, 701-708

TOPIC TAGS: human physiology, working condition, man, medical experiment, biologic vibration effect, noise effect

ABSTRACT: An experiment was performed on 62 workers employed in a large industrial establishment in Silesia to study the effects of stress on the human body. Of these, 37 worked under stress of noise, vibration, and dust, and the remaining 25 worked without noise or vibration. All the workers were in good health prior to the experiment. Evaluation of the results obtained showed that there was a statistically significant increase in the activities of serum aldolase and lactic dehydrogenase in workers subjected to stress. The serum alkaline phosphatase showed a decrease in the

Card 1/2

L 10734-66

ACC NR: AP5027166

activity of this enzyme. It is assumed that the stress factors studied produce changes in the sugar metabolism of the body. Orig. art. has: 4 tables. [08]

SUB CODE: 06 SUBM DATE: 09Dec64/ OTH REF: 019/ ATD PRESS: 4/66

BC
Card 2/2

SMARÉLOVA, R. (Praha, 1, nahr. I. Kyjevske brigady 8); HEPNER, J. [deceased]

The effect of cytostatics 6-azur and 6-aza and of the antibiotic chloramphenicol and lymphocytes in rats with Walker's carcinoma 256. Cas. lek. cesk. 104 no.26:711-718 2 JI '65.

1. Ustav patologické fyziologie fakulty všeobecného lékařství
Karlovy University v Praze (prednosta: doc. dr. T. Travnicek, CSc.).

HEP...A

4814:

Heppes, Aladár; and Révész, Pál. A splitting problem of Borsuk. *Mat. Lapok* 7 (1956), 108-111. (Hungarian. Russian and English summaries)

"H. G. Eggleston [*J. London Math. Soc.* 30 (1955), 11-24; MR 16, 734] has proved for $n=3$ Borsuk's conjecture according to which every point-set in the n -space with diameter 1 can be split into $(n+1)$ disjunct subsets with diameters <1 . The present paper contains a simpler proof for the special case when the point-set contains only a finite number of points." *Author's summary*

3

F/W

HEPPES, A.

4
I-F/W

Heppes, A.; and Révész, P. Zum Borsukschen Zerlegungssproblem. Acta Math. Acad. Sci. Hungar. 7 (1956), 159-162. (Russian summary)

Borsuk's conjecture that every subset of euclidean n -space, with diameter D , is decomposable into $n+1$ sets, each with diameter less than D , was proved by Eggleston for $n=3$ [J. London Math. Soc. 30 (1955), 11-2*, MR 16,

734]. This paper offers a simpler proof for the special case of a finite subset of three-space. L. M. Blumenthal

[Handwritten signatures]

HEPPES, A.

Heppes, A. On the determination of probability distributions of more dimensions by their projections. Acta Math. Acad. Sci. Hungar. 7 (1956), 403-410. (Russian summary)

A discrete n -dimensional distribution consisting of l arbitrary points is uniquely determined by its projections on $k+1$ non-parallel $(n-1)$ -dimensional subspaces [cf. A. Rényi, same Acta 3 (1952), 131-142; MR 14, 771]. For the projections to determine a non-discrete distribution, their number must, as shown for $n=2$, be infinite if the density function satisfies a weak regularity condition.

H. Wold (Uppsala)

1-FW

4/

HEPPES, A.

Heppes, A. Beweis einer Vermutung von A. Vázsonyi.
Acta Math. Acad. Sci. Hungar. 7 (1956), 463-466.
(Russian summary)

Straszewicz, S. Sur un problème géométrique de P.
Erdős. Bull. Acad. Polon. Sci. Cl. III. 5 (1957), 39-
40, IV-V. (Russian summary)

The authors prove independently the following con-
jecture of Vázsonyi: Let there be given n points $x_1, x_2,$
 \dots, x_n in three-dimensional space. Assume that the dia-
meter of this point set is 1; then there are at most $2n - 2$
pairs (x_i, x_j) whose distance is 1. The method of proof of
all three papers is similar and uses Euler's relation on
polyhedra.

P. Erdős (Hailu).

Smw

FW

A

NEHÉSI, A.

Distribution of a set of points in a space into the amount of subsets with smaller diameter.

p. 413 (Magyar Tudományos Akadémia. Matematikai és Fizikai Csatlaly. Közleményei. Vol. 7, no. 3/4 1957. Budapest, Hungary).

Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 2, February 1958

Hennez, Aladár. On the partitioning of three-dimensional point-sets into sets of smaller diameter. Magyar Tud. Akad. Mat. Fiz. Oszt. Közl. 7 (1957), 413-416. (Hungarian)

Borsuk conjectured that every set in k -dimensional space of diameter 1 can be decomposed as the union of at most $k+1$ sets of diameter less than 1. For $k \leq 2$ the conjecture is trivial. Recently Eggleston [J. London Math. Soc. 30 (1955), 11-24; MR 16, 734] proved Borsuk's conjecture for $k=3$. The present paper gives a very much simpler proof of Borsuk's conjecture for $k=3$. For $k > 3$ the conjecture remains open.

[A very similar proof has been found independently and almost simultaneously by B. Grünbaum (Proc. Cambridge Philos. Soc. 53 (1957), 776-778; MR 19, 763).
P. Erdős (Haifa)]

HEPPES, Aladar

Remark about a paper of Pal Erdos and Laszlo Fejes Toth. Mat kozl
MTA 10 no.1:33-34 '60. (EEAI 9:10)

1. A Magyar Tudomanyos Akademia Matematikai Kutato Intezete.
(Topology)

HEPPES, Aladar

An extreme value problem pertinent to tetrahedron surfaces.
Mat lapok 12 no.1/2:59-61 '61

HEPPES, A. (Budapest)

Data on circle and sphere clouds. Acta mat Hung 12 no.1/2:209-214
'61. (EAI 10:9)

1. Vorgelegt von G. Hajos.

(Circle) (Sphere)

HEPPES, Aladar; MOLNAR, Jozsef

Newer results in the discrete geometry.II. Mat lapok 13
no.1/2:39-72 '62.

HEPPES, A. (Budapest)

"Unsolved and unsolvable problems of geometry" by Herbert
Meschkowski. Reviewed by A.Heppes. Acta math Szeged 23 no.1/2,
181-182 '62.

HEPPES, Aldar

A one-dimensional problem. Mat lapok 14 no.1/2:124-127 '63.

HEPPES, Aladar

Filling of a domain by discs. Mat kut kozl MTA 8 series A no. 3:
363-371 '63('64).

1. Editorial board member, "A Magyar Tudományos Akademia Matematikai Kutato Intezetenek Kozlemenyei."

CSASZAR, Akos; HAJOS, Gyorgy; HEPPES, Aladar; CZACH, Laszlo; HAJNA, Janos;
FRIED, Ervin

Solving mathematical problems. Mat lapok 15 no.1/3:242-246 '64

1. Editor, "Mathematikai Lapok" (for Hajos).

Tests

HUNGARY

BAJZIK, Erzsébet, ~~HEPESZ, Aladár~~ TOTH, Károly; Hungarian Academy of Sciences, Research Institute of Mathematics (MTA -- Magyar Tudományos Akadémia --, Matematikai Kutató Intézet), and Medical University of Pecs, II. Medical Clinic (Pécsi Orvostudományi Egyetem, II. Belklinika).

"A New Nomogram for the Evaluation of Diapherometric Examinations."

Budapest, Kiserletes Orvostudomány, Vol XVIII, No 5, Oct 66, pages 449-455.

Abstract: [Authors' Hungarian summary] The most reliable method of basal metabolism determination is the diapherometric examination. It is a simple procedure but the calculation of the results is rather lengthy. The nomogram proposed by the authors will eliminate all the numerical calculations. Its value was proven in the course of examination of 350 patients. All 3 references are Eastern European. [Manuscript received 14 Sep 65.]

HEPPNER, F.

Modern therapy of thrombosis in general practice. Prakt.Arzt
4 no.36:219-227 15 My '50. (CLML 19:3)

1. Of the Surgical Clinic of Graz University (Head -- Prof.
F.Spath, M.D.).

HEERA, C.; PAVLOVSCHI, GH.

Contributions to the study of the conditions of fixing the ammoniacal nitrogen in the soil in view of the control of incorporation. p. 261.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 5, May 1959.

Monthly List of East European Accessions. (EEAI), LC. Vol. 8, no. 9, Sept. 1959.
Uncl.

HERA, Cr.; DAVIDESCU, D.; VINES, I.

Influence of the ammoniacal waters and anhydrous ammonia on the yield of oats. Comunicarile AR 11 no.5:553-558 My '61.

1. Comunicare prezentata de Amilcar Vasiliu, membru corespondent al Academiei R.P.R.

MILITESCU, Livia; GRUIA, Em.; HERA, Cr.

Influence of the previous culture on the nutrient contents of the soil under the culture of maize. Comunicarile AR 11 no.5:587-591 My '61.

1. Comunicare prezentata de Amilcar Vasiliu, membru corespondent al Academiei R.P.R.

HERAI, Vaclav, MUDr.; SKOKAN, Vaclav, Asistent

Effect of aging of the population on the age of hospital patients.
Cesk. zdravot. 7 no.6:299-304 July 59

1. Katedra organizace zdravotnictvi LFH KU
(HOSPITAL PATIENTS - statistics)
(AGING - statistics)

HERAK, J.
BC

Photographic investigations of helicin. I. Salts and its derivatives. M. Dabek and J. Hozak (*J. Pol. Res.*, 1942, 10, 107-109). — The reduction potentials of helicin and some of its derivatives were examined, using 1 c.c. of a H₂O or EtOH solution of the substance to which 10 c.c. of 0.1N-NH₄Cl were added. The concentration of the substance was 0.001M. The measurements were conducted at room temp. except in case of tetra-acetylhelicin, which was examined also at 27°, 40°, and 67°. Helicin and mono-acetylhelicin show no reduction at the dropping Hg electrode. The (negative) reduction potentials of the other substances were: helicin 1.25, tetra-acetylhelicin 1.180, nitromaleic acid 0.91, and salicylaldehyde (in presence of NH₄) 0.75 and 1.30 v. S. S. M.

A.S.T.M. METALLURGICAL LITERATURE CLASSIFICATION

STANDARDIZATION

STANDARDIZATION

HERAN, J.

The coagulation effects of univalent anions on positive sols of silver halides in the nascent state. J. Heran and B. Tatak (Pac. Nat. Sci., Zagreb, Yugoslavia), *ibid.* 1954, 25, 87-88 (1954).—The coagulation of the positively charged AgI, AgBr, and AgCl sols in the nascent state was investigated for Mg(NO₃), AcONa, Na propionate (I), Na butyrate (II), and Na valerate (III). Change in tyndallograms with time was kinetically analyzed, and it was found that the correct coagulation values can be obtained by plotting the 10-min. tyndallogram. All the anions investigated show a decrease of the coagulation value close to the point of equivalence; this presumably is due to a charge decrease at the surface of the sol particle. The crit. coagulation concns. of Mg(NO₃) are largest for AgBr, followed by AgI and AgCl; this same sequence had been found at the negatively charged ions (C.A. 45, 6899f). If the actions of AcONa, I, II, and III on the AgBr sol are compared, it is found that the coagulation values increase with increasing ion size. This holds true also in the pH range from 5.0 to 0.5. With the increase of the soly. of the Ag salts of these anions the crit. electrolyte concns. increase. This agrees with the hypothesis that the assoc.-dissoc. equil. plays a decisive role in the electrolyte soln. and also that the corresponding processes on the sol surface at the coagulation of a hydrophobic salt play a role (C.A. 45, 4113k; 46, 6106a). It cannot yet be decided which is the share of the size of the counterion in the coagulation, and which is the share contributed thereto by the soly. of the salt composed of the potential-deterg. ion and the counterion. W. J. Cochran.

HERAK, J.

YUGO!

✓ Coagulation effects of potassium perchlorate, potassium chlorate, and sodium borate on positive silver bromide sol and of potassium sulfate on positive sols of silver halides.
 I. Herak and B. Tezak (Univ. Zagreb, Yugoslavia). *Archiv. Kemi. 1-2/1954* (in English). — Coagulation values of $KClO_4$ (I), $KClO_3$ (II), and $NaBO_2$ (III) for a pos. AgBr sol, and of K_2SO_4 (IV) for pos. AgCl, AgBr, and AgI sols in the nascent state in the presence of various concns. of the stabilizing ion (Ag^+) were detd. Pptn. systems K halide (2×10^{-4}) — $AgNO_3$ (2.5×10^{-4} to $1 \times 10^{-4}N$) in the presence of neutral electrolytes (I-IV) were investigated tyndalometrically (C.A. 46, 1842e). The concns. of the added electrolytes were gradually varied in the crit. coagulation region. The coagulation values were detd. from 10-min. concn. tyndalograms (*loc. cit.*) by extrapolating to zero turbidity. The results are represented in the diagrams of log coagulation values vs. log concn. of the stabilizing ion (Ag^+). The coagulation values of I-IV first increase with increasing concn. of Ag^+ (up to $1 \times 10^{-4}N AgNO_3$), attaining the max.

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9. H. B. Tagore

values for AgBr sol of I, 4.5×10^{-4} ; II, 3.0×10^{-4} ; III, 4×10^{-4} ; IV, $8 \times 10^{-4}N$. In the middle region of Ag⁺ concns. (1×10^{-4} to $5 \times 10^{-4}N$) coagulation values of I and II are nearly const., but at the higher concns. of Ag⁺ the coagulation values decrease again. This effect is supposed to be due to the additive coagulating action of NO₃ (from AgNO₃) as a 2nd counterion. The coagulation values of III and IV decrease with increasing Ag⁺ concns. immediately after reaching the max. Besides the additivity of coagulating action of counterions, the soly. of the compd. Ag ion-counterion is believed to play an important role. To support this assumption the diagram of log max. coagulation value vs. log soly. of the compd. Ag ion-counterion was constructed, with use also of the data from a previous paper (C.A. 48, 10403d) given for the coagulation values of acetate, propionate, butyrate, and valerate ions. The coagulation values increase with increasing soly. of the compd.-stabilizing ion (Ag⁺)-counterion. The relation is linear except for the benzoate ion. The coagulation value of SO₄²⁻ was about 0.1 to 0.05 times the values of I-III. This is considered to be proof of the validity of the Schulze-Hardy rule for pos. Ag halide sols. The sequence of the coagulation values of SO₄²⁻ was in the order: AgI > AgBr > AgCl. This order is in accordance with the charge d. on the surface of sol particles.

J. Kratochvíl

HERAK, Janko, inz.

Influence of the Yugoslav bleaching earth on the structure and some physical constants of mineral oil. Nafta Jug 15 no.7/8:206-208 JI-Ag '64.

1. "Metan" Enterprise, Kutina.

HERAK, I.

5/20/55

24 ✓ Mathories of the coagulation processes. XI. Coagulation effect of potassium succinate, potassium fumarate and potassium malate on positive silver bromide sol. J. Herak and B. Tozak (Czech. Chem., 1955, 27, 49-52).--The coagulation effect of K succinate,

fumarate and malate on positive AgBr sol, as a function of the concn. of the stabilizing Ag⁺ ions and the pH of the solutions, is studied. Coagulation values of K succinate and malate are dependent not only on the concn. of the stabilizing ion, but also on that of the H⁺ ion. The increase with increasing [H⁺] is due to a shift in the ionic equilibrium $H_2An \rightleftharpoons H^+ + HAn^- \rightleftharpoons H^+ + An^{2-}$. The coagulation values of succinate and fumarate differ very slightly for equal concn. of stabilizing ions, but the analogous values for malate change perceptibly. R. J. MARR

University of Zagreb
Zagreb

AM
1955

Herak, J.

A note on the preparation and optical properties of monodispersed lead iodate hydrosols. J. Herak, M. M. Herak, B. Tejak, and J. Kratošvil. (Univ. Zagreb, Yugoslavia). *Arhiv kem.* 27, 117-19 (1955) (in English).—Monodispersed $Pb(IO_3)_2$ hydrosols were prepd. by slowly pouring the soln. of KIO_3 into an equal vol. of $Pb(NO_3)_2$ soln. Concns. of about 0.001-0.003N were most convenient. The growth of $Pb(IO_3)_2$ particles was very fast and after a few min. the sols exhibited Tyndall spectra of the scattered light as brilliant as those of La Mer's sulfur sol (La M. and Barnes, *C.A.* 40, 3038¹) after 24 hrs. A plot of the ratio of the intensity of scattered light at 4360 and 3600 Å. for various angles of observation shows characteristic orders of Tyndall spectra. The way of mixing of pptg. components had great influence on the optical phenomena, although Tyndall spectra always appeared. The sols were not stable; after about 15 min. sedimentation took place and the color bands began to disappear. The addn. of gelatin (0.1 to 1%) or filtration through ordinary filter paper immediately after mixing stabilized the sols. The radius of $Pb(IO_3)_2$ particles detd. by the sedimentation method of Johnson and La Mer (*C.A.* 41, 5707²) amounted in one case to 8000Å. The appearance of Tyndall spectra was also observed on $AgIO_3$ and $La(IO_3)_3$ hydrosols, but to a lesser extent. J. K.

Handwritten initials or mark.

(3)

GALOGAZA, V. (Zagreb); HERAK, J.N. (Zagreb)

Reflection dependence of microwave carrier lifetime measurements
in semiconductors. Glas mat fiz Hrv 17 no.1/2:123-128 '62 [publ.
'63].

1. Institute "Ruder Boskovic", Zagreb.

1951, 1.

Biological conditions of the lower Valley above Sling. p. 7.
73:125.1 VILNIUS, Zagreb, Vol. 5/7, 1951/52 (published 1952).

SO: Monthly List of East European Accessions, (LHM), 11, Vol. 4, no. 12, Oct. 1951,
Encl.

HERAK, M.

The scientific work of Dragutin Gorjanovic-Kramberger.

p. 1 (Geoloski Vjesnik) Vol. 10, 1956, Zagreb, Yugoslavia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

HERAK, M.

The new finds of Spaerocodium bornemanni Rothpletz in Croatia and Slovenia

p. 31 (Geoloski Vjesnik) Vol. 10, 1956, Zagreb, Yugoslavia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

HERAK, Milan, dr.

Contribution to the hydrogeology of Hvar Island. Geol vjes Hrv
12:135-148 '58 (published '59) (EJAI 9:6)

1. Referent, Geoloski Vjesnik. Geolosko-paleontoloski institut
Sveucilista, Zagreb.
(Croatia-- Hydrology)

HERAK, Milan, dr

Geology of the polje of Gracac in Lika; with a geologic map and 6 profiles in the enclosure. Geol vjes Hrv 13:31-56 '59 (published '60)
(EEAI 10:4)

1. Urednicki odbor, Geoloski vjesnik, referent, Geolosko-paleontoloski institut, Sveuciliste u Zagrebu, ul. Socijalisticke Revolucije 8/II.
(Croatia--Karst)

KOCHANSKY, V.; HERAK, M., dr

On the Carboniferous and Permian Dasycladaceae of Yugoslavia; with
9 plates and 7 textfigures. Geol vjes Hrv 13:65-96 '59 (published '60).
(EEAI 10:4)

1. Geological and Paleontological Institute of University of Zagreb,
Socijal. Revolucije 8/II. 2. Urednicki odbor, Geoloski vjesnik,
referent (for Herak)
(Yugoslavia--Dasycladaceae)

HERAK, M.; KOCHANSKY, V.

Gymnocodiacean calcareous algae in the Permian of Yugoslavia; with
6 plates and 1 tabulated list. Geol vjes Hrv 13:185-196 '59.
(published '60). (EEAI 10:4)

1. Geological and Paleontological Institute, University of Zagreb,
Socijalisticke Revolucije 8/II.
(Algae) (Yugoslavia--Gymnocodiaceae)

VRAGOVIC, Mihovil; POLSAK, Ante

M. Tajder and M. Herak's Petrografija i geologija (Petrography and
Geology); a book review. Geol vjes Hrv 13:222-224 '59 (published '60).
(EEAI 10:4)

(Geology) (Petrology) (Herak, M.) (Tajder, M.)

HERAK, Milan, dr. (Zagreb); BOJANIC, Luka, (Zagreb); SIKIC, Dragutin, (Zagreb);
MAGDALENIC, Antun (Zagreb)

New elements of tectonics in the region of upper Kupa River. Geol
vjes Hrv 14:245-251 '60 (publ.'61).

1. Geolosko-paleontoloski zavod Prirodno-matematickog fakulteta
Sveucilista u Zagrebu, Zagreb, ul. Socijalisticke revolucije 8/II.
2. Clan Urednickog odbora, referent, "Geoloski vjesnik" (for Herak).

HERAK, M.

"A new contribution to the geotectonics of Montenegro"
by [Zavod za geoloska i geof. istrazivanja NR Srbije,
Beograd] Z. Besic. Reviewed by M. Herak.* Sul sc Youg
7 no.1/2:23 F-Ap '62.

1. Rédacteur d'extraits, "Bulletin scientifique."

** other articles in this series also reviewed*

HERAK, M.

"Materials for the geologic bibliography of Montenegro II" by
[Zavod za geol. i geofiz. istrazivanja NR Srbije, Beograd]
S.Milojevic. Reviewed by M.Herak. Bul so Young 7 no.3:78 Je
'62.

HERAK, M.

"The Lower Cretaceous in Montenegro" by [Zavod za geol. i geofiz.
istrasivanja NR Srbije, Beograd] R.Radoicic. Reviewed by M.Herak.
Bul sc Youg 7 no.3:78 Je '62.

HERAK, M.

"Hydrogeology of Nisicko Polje" by V.Vlahovic. Reviewed by M.Herak.
Bul sc Youg 7 no.3:78 Je '62.

HERAK, M.

"Appearance of the Eocene between the villages of Vitasovici and Kurilo in Montenegro." Reviewed by M.Herak. Bul sc Youg 7 no.3: 79 Je '62.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618010009-6

YUGOSLAVIA

HERAK, M., Z. RADMAN, M. JAKOVAC, and M. SIKIRIC of the Institute of Zoological Technology and Hygiene (Institut za Zootehniku i Higijenu), Animal Reproduction and Birth Department (Odjel za Reprodukciju Zivotinja i Porodiljatvo), and Out-patient Service (Ambulantna Sluzba) of the Faculty of Veterinary Medicine (Veterinarski Fakultet), Zagreb.

"The Treatment of Chronic Endometritis in Cattle with 'Lotagen'."

Belgrade, Veterinarski Glasnik, Vol 17, No 6, 1963, pp 503-505.

Abstract: "Lotagen" is produced by the Byk-Gulden-Lomborg plant in Constance and is known as "Albothyl" in human medicine. Of 401 cows treated by the authors, 324 or 80.3 percent later conceived after one or more instances of artificial insemination. The results are mainly in agreement with those of other authors. Eight Polish, German, and Yugoslav recent references.

U717

HERAK, Milan, dr

Hydrogeologic problems of Mala Kapela. Geol vjes Hrv 8/9:19-37
'54/'55 [publ. '56]

1. Geological and Paleontological Institute, Technical Faculty,
Zagreb, član Urednickog odbora, referent, "Geoloski vjesnik".

HERAK, Milan, dr

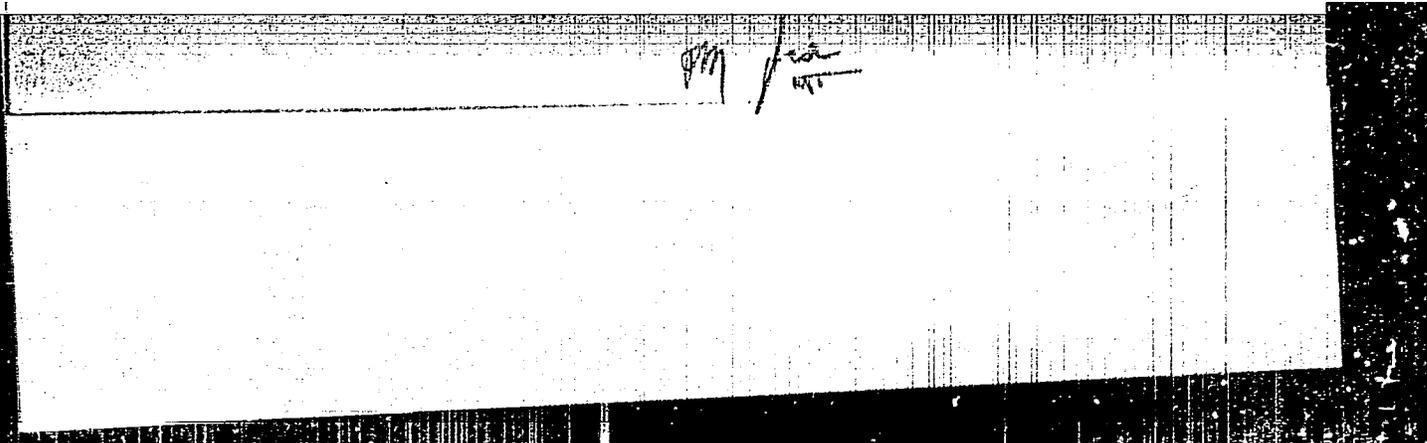
Mesozoic of the Korana area between Barilovic and Poloj. Geol
vjes Hrv 8/9:53-66 '54/'55 [publ. '56]

HERAK, M. J.

for dec. the charge of Th in the ion exchanger Amberlite IR-
NaCl, KCl, MeCl, EtCl, BuCl, HNO₃, NaNO₃, Mg-
NaCl, CaCl₂, H₂SO₄, Na₂SO₄, NH₄NO₃, and Me₂SO.
The results of Th in the ion exchanger Amberlite IR-
with the use of Th as
of the

"APPROVED FOR RELEASE: 08/10/2001

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HERAK, M. J.

YUGOSLAVIA/Physical Chemistry - Thermodynamics, Thermochemistry, Equilibria, Physical-Chemical Analysis, Phase Transitions. E.

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 45954

Author : XV: J. Kratochvil, B. Tezak. XVI: M.M. Herak, M.J. Herak, J. Kratochvil

Inst : -
Title : Methodics of the Precipitation Process. XV. Some Further Experiments on the Influence of the Solvent on the Complex Solubility of Silver Halides and Silver Thiocyanate. XVI. A Study of the Precipitation of Sparingly Soluble Metal Iodates.

Orig Pub : Croat. chem. acta, 1957, 29, No 2, 63-66; 67-72

Abstract : XV. The solubility of AgCl, AgBr, AgI and AgCNS in halide or thiocyanate solutions in binary isodielectric mixtures of water with n-propanol, isopropanol. ethylene-glycol, glycerin and dioxane was studied.

Card 1/3

YUGOSLAVIA/Physical Chemistry - Thermodynamics, Thermochemistry, Equilibria, Physical-Chemical Analysis, Phase Transitions. B.

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 45954

The methods of work were described formerly (Arhiv, kem., 1951, 23, 200). All the measurements were carried out at 20°. The solubility rise with the complex formation is approximately the same in the cases of isodielectric water-alcohol mixtures independently of the used alcohol.ioxane produces a somewhat different effect. The obtained data were compared with the data published formerly (report XIV, RZhKhim, 1958, 641).

XVI. The process of Ag, Pb and La iodate precipitation from aqueous solutions of electrolytes was studied and the concentration ranges, in which their separation proceeded in the solid phase, were investigated. The concentrations, at which the precipitation takes place, agree with the data of other authors (RZhKhim, 1955, 26012; 1957, 22335, 50711) only in the case of AgIO₃.

Card 2/3

Physical Chemistry - Thermodynamics, Thermochemistry, Equilibria, Physical-Chemical Analysis, Phase Transitions. B.

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 45954

It seems that ions of the type $[\bar{M}_n IO_3]^{n-1}$ are forming in solutions with a great excess of the metal complex ion. In all the three cases there is a difference among the border concentrations, at which the precipitation takes place, and among the ionic values of the solubility. The curves of metal iodate precipitation have a maximum, the magnitude of which is between the magnitude of the solution with complex formation at a high concentration of metal ions and the limit at a low concentration.

Card 3/3

HERAK, M. J.

HERAK, M. J.

8

A light-scattering and electron-microscope examination of monodispersed metal iodate hydrosols. M. J. Herak, I. Kratochvil, M. M. Herak, and M. Wischer (Univ. Zagreb, Yugoslavia); *Croat. Chem. Acta* 30, 221-30 (1958) (in English).—Monodispersed $\text{La}(\text{IO}_3)_3$ and $\text{Pb}(\text{IO}_3)_2$ hydrosols are prepd. in a way described previously (C.A. 49, 15308k), and their properties are examd. by light scattering, electron and light microscopy, and measurements of rate of deposition of particles (cf. Johnson and La Mer, C.A. 41, 5787c). The sols exhibit brilliant color bands of higher-order Tyndall spectra indicating the presence of spherical particles very uniform in sizes. $\text{Pb}(\text{IO}_3)_2$ sols, otherwise very unstable, can be stabilized by simple filtration through filter paper. This is accompanied by the reversal of charge of the particles. The growth of $\text{La}(\text{IO}_3)_3$ is much slower. Angular distribution of light scattered by metal iodates shows typical features of monodispersed systems with spherical particles several hundred $\text{m}\mu$ in radius. This is confirmed by electron microscopy. Particles of a typical $\text{La}(\text{IO}_3)_3$ sol are about 700 $\text{m}\mu$ in radius, and those of $\text{Pb}(\text{IO}_3)_2$ about 800 $\text{m}\mu$. The particle sizes in different prepus. vary considerably; this can be attributed to the uncontrolled influence of the direct mixing of reacting sols. A tentative mechanism of the formation of these sols is proposed.

CFK
/1

I. Kratochvil

HERAK, M.J.; MIRNIK, M.

Determination of ion adsorption by the radioactive-tracer technique.
Note 4. Croat chem acta 34 no.3:153-160 '62.

1. Department of Radiochemistry, Institute "Ruder Boskovic" and
Laboratory of Physical Chemistry, Faculty of Science, University of
Zagreb, Zagreb, Croatia, Yugoslavia.

HERAK, M.; JAGODIC, V.

Solvent extraction and separation of europium (III) and terbium (III) from uranium (VI) by monoethyl aniline benzyl phosphonate. Croat chem acta 35 no.4:A17 '63.

1. Department of Physical Chemistry, Institute "Ruđer Bošković", Zagreb, Croatia, Yugoslavia.

HERAK, M.J.; JAGODIC, V.

Solvent extraction and separation of europium (III) and terbium (III) from uranium (VI) by monoocetyl-anilinobenzylphosphonate. Croat chem acta 36 no.2:51-58 '64.

1. Ruđer Bosković Institute, Zagreb.

HERAK, M.J.; MORRIS, D.F.C.

Neutron activation analysis of traces of palladium, gold, and iridium in supernates from the refining of precious metals. Great chem acta 36 no.2:67-71 '64.

1. Department of Chemistry, Brunel College, London, W. 3, England.
2. Permanent address: Institute "Ruder Boskovic", Zagreb, Croatia Yugoslavia (for Herak).

STROHAL, P.; VLATKOVIC, M.; HERAK, M. J.; DESPOTOVIC, R.; MIRNIK, M.

Production of radionuclides in the Zagreb cyclotron; abstract.
Glas Hem dr 27 no.9/10:482 '64

1. The Ruder Boskovic Institute, Department of Radiochemistry,
Zagreb.